

Ref:	NR/L2/CTM/012/049
Issue:	1
Date:	06 March 2010
Compliance date:	04 September 2010

NR/L2/CTM/012/049 Competence & Training in Signal Engineering

SWT Mod 5: Undertake tests/checks under direction of a qualified tester.

1 Purpose

The purpose of this competence standard is to define the competence requirements for persons required to undertake and record Tests/Checks of Signalling equipment.

2 Scope

This competence standard applies in all circumstances where any person is required to undertake and record Tests/Checks of Signalling equipment on Network Rail managed infrastructure.

The Test Assistant covers the role of undertaking tests under direction on signalling components and equipment in accordance with the test specifications and plans.

Mod 5 is split into 3 competencies:

- Module 5A – (General)
- Module 5C - (Control Table Ticker)
- Module 5E – (Signalling Electronic systems Assistant)

3 Competence Standard

This Competence Standard comprises one element.

Element 1 Undertake and record tests/checks of signalling equipment

The element deals with testing/checking of the equipment and recording the results.

To prove competence in this unit, the person shall demonstrate their ability to complete testing activities in accordance with instructions. The person will have to show they can follow recording, reporting and escalation procedures.

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4 Assessment

4.1 Initial Assessment

A modular training course is available for Mod 5 which leads to a competence at 5A, subject to passing the assessment in all aspects of the course. There is no requirement for mentorship following the successful completion of a Module 5.

Progression to Mod 5C or 5E will be from Mod 5A with appropriate work experience or a Mod 5C or Mod 5E Training course as appropriate. Alternatively should an individual have sufficient and suitable work experience and underpinning knowledge, a competence assessment may be carried out in accordance with NR/L2/SIG/30014/B410.

The tester will work towards their IRSE license.

4.2 Re-Assessment

Licence holders will undergo surveillance after 5 years in order to retain their licence with a renewal IRSE Licensing assessment required after 10 years. Employers may have their own additional assessment processes in addition to this, and shall employ suitable surveillance of SWT staff.

4.3 Knowledge Evidence that is common to the whole unit

You shall have knowledge and understanding of:

- a) Health and Safety legislation
- b) How to locate and access the Worksite.
- c) Safety and protection procedures
- d) Engineering drawings and related specifications
- e) Identification of defects in products and assets
- f) Reporting lines and procedures
- g) How to seek advice when in doubt
- h) Lines and methods of communication.

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